SYSTEM AND METHOD FOR CONTROLLING AN END-USER APPLICATION AMONG A PLURALITY OF COMMUNICATION UNITS IN A WIRELESS MESSAGING NETWORK

ABSTRACT OF THE DISCLOSURE

There is disclosed an application controller for use with a two-way wireless messaging system. The application controller is distributed, at least in part, among a plurality communication units associated with the two-way wireless messaging system. The application controller is capable of controlling cooperative communication among ones of the communication units in accordance with a prescribed application task, and comprises a data repository, first and second communication controllers, and an operations controller. The data repository maintains at least one subscriber profile. The first communication unit controller senses change in a characteristic monitored at a first communication unit, wherein the monitored characteristic is evaluated in accordance with the prescribed application task, and, in response thereto, automatically causes the first communication unit to transmit a first data signal. The operations controller analyzes the first data signal in accordance with the prescribed application task using the at least one subscriber profile, and, in response thereto, causes a second data signal to be communicated

automatically to at least a second communication unit. The second communication unit controller automatically analyzes the second data signal at the second communication unit, and, in response thereto, transmits an acknowledgment signal to at least said first communication unit.